International application No.

PCT/JP2004/013887

	A LONG OF STATE OF A CHARGE					
A. CLASSIFI Int.Cl	CATION OF SUBJECT MATTER A61K7/50, C11D1/10, 1/37					
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum docu Int . C1	mentation searched (classification system followed by 7 A61K7, C11D	classification symbols)				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)						
WPI/L						
C. DOCUMEN	VTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.			
Ÿ	JP 10-121091 A (Ajinomoto Co 12 May, 1998 (12.05.98), Claims; Par. No. [0026]; tab & EP 826766 A2 & US		1-30			
Y Y	JP 4-180999 A (Mitsubishi Pe Ltd.), 29 June, 1992 (29.06.92), Claims; page 2, upper right of 15 (Family: none)		11-12,18,21, 26-28 1-10,13-17, 19-20,22-25, 29-30			
Further documents are listed in the continuation of Box C. See patent family annex.						
Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family Date of mailing of the international search report 28 December, 2004 (28.12.04)				
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer				
Pacsimile No.		Telephone No.				
THE DISTRICT MAIN	(consent about) (1 0004)		·			

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2-268114 A (Mitsubishi Petrochemical Co.,	11-12, 18, 21,
Y	Ltd.), 01 November, 1990 (01.11.90), Claims; page 2, upper right column, lines 5 to 11; examples (Family: none)	26-28 1-10,13-17, 19-20,22-25, 29-30
x	JP 5-4952 A (Mitsubishi Petrochemical Co., Ltd.),	11-12,18,21, 26-28
Y	14 January, 1993 (14.01.93), Claims; Par. Nos. [0001], [0008], [0018] (Family: none)	1-10,13-17, 19-20,22-25, 29-30
Х	JP 2000-191613 A (Asahi Chemical Industry Co., Ltd.),	11-12,18,21, 26-28
Y	11 July, 2000 (11.07.00), Claims; Par. Nos. [0001], [0008], [0014] to [0021], [0024], [0029] & WO 2000/10546 A1 & EP 1156033 A1 & US 6569829 A & KR 2001-99971 A & CN 1332721 A	1-10,13-17, 19-20,22-25, 29-30
X	JP 10-337195 A (Mitsubishi Chemical Corp.), 22 December, 1998 (22.12.98),	11-12,18,21,
Y	Claims; Par. Nos. [0002], [0017], [0070] (Family: none)	26-28 1-10,13-17, 19-20,22-25, 29-30
Y	JP 8-231335 A (Kose Corp.), 10 September, 1996 (10.09.96), Claims; Par. Nos. [0005], [0008] (Family: none)	1-30
Y	JP 2001-131129 A (Asahi Kasei Corp.), 15 May, 2001 (15.05.01), Claims; Par. Nos. [0001], [0014]; examples 4, 10, 16	1-30
Y	JP 6-116133 A (Kanebo, Ltd.), 26 April, 1994 (26.04.94), Claims; examples (Family: none)	1-30
Y	JP 63-2962 A (Kawaken Fine Chemicals Co., Ltd.), 07 January, 1988 (07.01.88), Claims; page 2, upper right column to lower left column; example 14 (Family: none)	1-30
Y	JP 5-70794 A (Mitsubishi Petrochemical Co., Ltd.), 23 March, 1993 (23.03.93), Claims; Par. No. [0008] (Family: none)	1-30

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		101/012	004/01388/
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		1
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Y	JP 4-321656 A (Kao Corp.), 11 November, 1992 (11.11.92), Claims; Par. No. [0003] (Family: none)		1-30
A	JP 55-160096 A (Kawaken Fine Chemicals Co Ltd.), 12 December, 1980 (12.12.80), Claims; table 1, example 5; table 2, examp & DE 3020649 A1 & FR 2457891 A1 & US 4273684 A		1-30
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BOX NO. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
1. Clai	onal search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: ims Nos.: ause they relate to subject matter not required to be searched by this Authority, namely:
beca	ims Nos.: ause they relate to parts of the international application that do not comply with the prescribed requirements to such an ent that no meaningful international search can be carried out, specifically:
	ims Nos.: ause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
The teacid (sapparental have no There subject form a Documer (14.01) 1. Associated Asso	all required additional search fees were timely paid by the applicant, this international search report covers all searchable
4. No rest	required additional search fees were timely paid by the applicant. Consequently, this international search report is ricted to the invention first mentioned in the claims; it is covered by claims Nos.: Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

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Claims 11-12 and 21 pertain to a detergent having desired properties. However, the detergents which are disclosed in the meaning of Article 5 of the PCT are limited to ones containing the ingredient (A) which has undergone a specific treatment given in the description. The claims lack support in the meaning of Article 6 of the PCT.

Therefore, a search was made for the range which is supported by and disclosed in the description, i.e., the ingredient (A) which has undergone the specific treatment and is supported by the description.